6. What is meant by Ramsar convention? In details discuss about the national wetland policies. 3+7=10

7. What is meant by 'origin of life'? Why palaeontological studies are important? 5+5=10

Or

8. What is meant by 'Neo-Darwinism'? Why species concept and phylogeny studies are important? 5+5=10

9. How toxic agents, radiations and carcinogenic substances can affect human life? 10

Or

10. In details discuss the air and soil pollutants that affect human health. 10

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UG (CBCS) Even Semester Examination, May 2025

EDUCATION
(B.Sc. B.Ed.)

6th Semester

Course No. : BSZH - 601

(Environmental biology, evolutionary biology & toxicology)

Full Marks : 50

Pass Marks : 20

Time : 2 hours

The figures in the margin indicate full marks for the questions

(*Answer five questions*)

1. What is meant by biogeochemical cycle? In details discuss the Nitrogen cycle. 3+7=10

Or

2. What is meant by biosphere? In details discuss the carbon cycle. 3+7=10

3. Define adaptation. In details write about cursorial and fossorial adaptation. 2+8=10

Or

4. Define adaptive rodation. In details write about Arid and Arboreal types of adaptation. 2+8=10

5. In details discuss the importance of wetlands. What strategies must be employed for wetland loss prevention? 5+5=10

Or